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(54) Title: SMART HANDLE AND HINGE SYSTEM

(57) Abstract: A mounting system for a closure which enables the closure to be opened from at least two sides. The closure includes handles mounted on the two sides and is mounted to a frame which the closure closes with the at least two sides. The closure only be opened from one of the sides at a time. The mounting system includes a locking and releasing mechanism on each of the sides, at least one hinge attached to each of the respective sides, a control bar attached to each hinge, the bar substantially locked into a respective control system, and a control circuit comprising a sensor and a relay, associated with each of the handles, whereby if a person opens the closure from one side, the sensor on that side activates the corresponding relay to operate the control system on that side of the closure and the hinge on that side is retracted.



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